

PB



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PCT09

RAW SEQUENCE LISTING

DATE: 12/04/2002 P.9

PATENT APPLICATION: US/09/857,000A

TIME: 13:53:57

Input Set : A:\BREESE-12.APP

Output Set: N:\CRF4\12032002\I857000A.raw

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3 <110> APPLICANT: Clair, Philippe
4      Kaczorek, Michel
5      Tamsamani, Jamal
7 <120> TITLE OF INVENTION: Peptides carrying substances across the blood brain barrier
9 <130> FILE REFERENCE: 19904-012 NATL
11 <140> CURRENT APPLICATION NUMBER: 09/857,000A
12 <141> CURRENT FILING DATE: 2001-09-07
14 <150> PRIOR APPLICATION NUMBER: FR98/15074
15 <151> PRIOR FILING DATE: 1998-11-30
17 <150> PRIOR APPLICATION NUMBER: PCT/FR99/02938
18 <151> PRIOR FILING DATE: 1999-11-26
20 <160> NUMBER OF SEQ ID NOS: 13
21 <170> SOFTWARE: PatentIn version.3.1
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26 <212> TYPE: PRT
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86 <223> OTHER INFORMATION: Protegrin PG4
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143 <223> OTHER INFORMATION: Polyphemusin P2

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165 <221> NAME/KEY: MISC_FEATURE
166 <222> LOCATION: (6)..(6)
167 <223> OTHER INFORMATION: Wherein Xaa is tryptophan
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184     n amino acid for which the side chain carries a basic group
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198 <222> LOCATION: (4)..(4)
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200     n amino acid for which the side chain carries a basic group
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204 <222> LOCATION: (5)..(5)
205 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the

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209 <222> LOCATION: (6)..(6)

210 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an

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Input Set : A:\BREESE-12.APP

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214 <222> LOCATION: (7)..(7)
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217 <220> FEATURE:
218 <221> NAME/KEY: MISC_FEATURE
219 <222> LOCATION: (8)..(8)
220 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an
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223 <221> NAME/KEY: MISC_FEATURE
224 <222> LOCATION: (9)..(9)
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226 n amino acid for which the side chain carries a basic group
228 <220> FEATURE:
229 <221> NAME/KEY: MISC_FEATURE
230 <222> LOCATION: (10)..(10)
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232 n amino acid for which the side chain carries a basic group
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252 <222> LOCATION: (14)..(14)
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257 <222> LOCATION: (15)..(15)
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261 <221> NAME/KEY: MISC_FEATURE
262 <222> LOCATION: (16)..(16)
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270 <220> FEATURE:
271 <221> NAME/KEY: MISC_FEATURE

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Input Set : A:\BREESE-12.APP

Output Set: N:\CRF4\12032002\I857000A.raw

272 <222> LOCATION: (18)..(18)

273 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa (shown/defined as B in the specification) may be identical or different, and represent a natural or non-natural amino acid, in

274 n amino acid for which the side chain carries a basic group

276 <220> FEATURE:

277 <221> NAME/KEY: PEPTIDE

278 <222> LOCATION: (1)..(18)

279 <223> OTHER INFORMATION: Peptide of formula (II)

281 <400> SEQUENCE: 9

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290 <210> SEQ ID NO: 10

291 <211> LENGTH: 17

292 <212> TYPE: PRT

293 <213> ORGANISM: Unknown

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297 <222> LOCATION: (1)..(1)

298 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa (shown/defined as B in the specification) may be identical or different, and represent a natural or non-natural amino acid, in

299 n amino acid for which the side chain carries a basic group

301 <220> FEATURE:

302 <221> NAME/KEY: MISC_FEATURE

303 <222> LOCATION: (2)..(2)

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307 <221> NAME/KEY: MISC_FEATURE

308 <222> LOCATION: (3)..(3)

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311 <220> FEATURE:

312 <221> NAME/KEY: MISC_FEATURE

313 <222> LOCATION: (4)..(4)

314 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an

316 <220> FEATURE:

317 <221> NAME/KEY: MISC_FEATURE

318 <222> LOCATION: (5)..(5)

319 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa (shown/defined as B in the specification) may be identical or different, and represent a natural or non-natural amino acid, in

320 n amino acid for which the side chain carries a basic group

322 <220> FEATURE:

323 <221> NAME/KEY: MISC_FEATURE

324 <222> LOCATION: (6)..(6)

325 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the

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327 <220> FEATURE:

328 <221> NAME/KEY: MISC_FEATURE

329 <222> LOCATION: (7)..(7)

330 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an

332 <220> FEATURE:

333 <221> NAME/KEY: MISC_FEATURE

334 <222> LOCATION: (8)..(8)

335 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/04/2002
PATENT APPLICATION: US/09/857,000A TIME: 13:53:58

Input Set : A:\BREESE-12.APP
Output Set: N:\CRF4\12032002\I857000A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:9; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18
Seq#:10; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:9; Line(s) 183,189,194,199,205,210,215,220,225,231,237,243,248,253,258
Seq#:9; Line(s) 263,268,273
Seq#:10; Line(s) 298,304,309,314,319,325,330,335,340,346,351,356,361,366
Seq#:10; Line(s) 372,378,383

VERIFICATION SUMMARY

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Input Set : A:\BREESE-12.APP

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L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:16
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16